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| <div>INFORMATION DISCLOSURE CITATION</div> <div>DEC 1 2004</div> <div>OFFICE OF THE PATENT & TRADEMARK OFFICE</div> | | | | Docket Number (Optional) | | Application Number | | |
| | | | | RAY-144J | | 10/698,500 | | |
| | | | | Applicant(s) | | | | |
| | | | | Richard M. Lloyd | | | | |
| Filing Date | | | | Group Art Unit | | | | |
| October 31, 2003 | | | | 3641 | | | | |
| U.S. PATENT DOCUMENTS | | | | | | | | |
| *EXAMINER INITIALS | REF | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE | |
| W | | 2,337,765 | 12/28/1943 | J. Nahirney | — | — | | |
| W | | 3,846,878 | 11/12/1974 | Monson <i>et al.</i> | — | — | | |
| W | | 3,851,590 | 12/03/1974 | LaCosta | — | — | | |
| W | | 3,861,314 | 01/21/1975 | Barr | — | — | | |
| W | | 3,902,424 | 09/02/1975 | Dietsch <i>et al.</i> | — | — | | |
| U.S. PATENT APPLICATION PUBLICATIONS | | | | | | | | |
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| FOREIGN PATENT DOCUMENTS | | | | | | | | |
| | REF | DOCUMENT NUMBER | DATE | COUNTRY | | | Translation | |
| | | | | | | | YES | NO |
| W | | GB 2236581 | 04/10/1991 | United Kingdom | | | N/A | |
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| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | | |
| W | | FAS Military Analysis Network (http://www.fas.org/man/dod-101/sys/land/m546.htm): M546 APERS-T 105-mm, 01/21/99 1 page | | | | | | |
| W | | FAS Military Analysis Network (http://www.fas.org/man/dod-101/sys/land/bullets2.htm): Big Bullets for Beginners, 02/06/00 11 pages | | | | | | |
| EXAMINER | | | | DATE CONSIDERED | | | | |
| R. L. LLOYD | | | | 3/18/2005 | | | | |
| EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | | | | | | | |

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| *EXAMINER INITIALS | REF | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE | |
| <i>Em</i> | | 3,903,804 | 09/09/1975 | Luttrell <i>et al.</i> | — | — | | |
| <i>Em</i> | | 3,915,092 | 10/28/1975 | Monson <i>et al.</i> | — | — | | |
| <i>Em</i> | | 4,147,108 | 04/03/1979 | Gore <i>et al.</i> | — | — | | |
| <i>Em</i> | | 4,231,293 | 11/04/1980 | Dahn <i>et al.</i> | — | — | | |
| <i>Em</i> | | 4,957,046 | 09/18/1990 | Puttock | 102 | 489 | | |
| U.S. PATENT APPLICATION PUBLICATIONS | | | | | | | | |
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| OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i> | | | | | | | | |
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| EXAMINER <i>Richard M. Lloyd</i> | | | | DATE CONSIDERED 3/18/2005 | | | | |
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| U.S. PATENT DOCUMENTS | | | | | | | |
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| *EXAMINER INITIALS | REF | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| R | | 4,995,573 | 02/26/1991 | Wallow | 244 | 3.24 | |
| R | | 5,223,667 | 06/29/1993 | Anderson | 102 | 517 | |
| R | | 5,622,335 | 04/22/1997 | Trouillot <i>et al.</i> | 244 | 3.24 | |
| R | | 5,929,370 | 07/27/1999 | Brown <i>et al.</i> | 102 | 399 | |
| R | | 5,936,191 | 08/10/1999 | Bisping <i>et al.</i> | 102 | 517 | |

| U.S. PATENT APPLICATION PUBLICATIONS | | | | | | | |
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| EXAMINER Blaylock | DATE CONSIDERED 3/18/2005 |
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| U.S. PATENT DOCUMENTS | | | | | | | | |
| *EXAMINER INITIALS | REF | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE | |
| 7 | | 6,035,501 | 03/14/2000 | Bisping et al. | 102 | 519 | | |
| 5 | | 6,276,277 | 08/21/2001 | Schmacker | 102 | 384 | | |
| 5 | | Des. 380,784 | 07/08/1997 | Smith | 021 | 49 | | |
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| U.S. PATENT APPLICATION PUBLICATIONS | | | | | | | | |
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| FOREIGN PATENT DOCUMENTS | | | | | | | | |
| | REF | DOCUMENT NUMBER | DATE | COUNTRY | | | Translation | |
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| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | | |
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| EXAMINER Shelton | | | | DATE CONSIDERED 3/18/2005 | | | | |
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